What is claimed is:

- 1 1. A device for removing a tubular body member from a body, the device comprising a cutting tool that includes:
- 3 (a) a cutting head having (i) a leading edge comprising an annular cutting 4 blade, and (ii) an attachment section; and
- 5 (b) a body section having a proximal end, a distal end and an inner passage 6 extending therethrough, the distal end operable to couple to the attachment section of the 7 cutting head.
- 1 2. The device of claim 1 wherein the cutting head further includes an inner cavity,
- 2 the inner cavity being funnel-shaped and having a first inner diameter at the leading edge
- and a second inner diameter, the second inner diameter being smaller than the first inner
- 4 diameter, the inner cavity compressing body tissue during operation of the cutting tool to
- 5 assist in keeping the tubular body member from being cut by the annular cutting blade.
- 1 3. The device of claim 1 wherein the attachment section of the cutting head is
- threaded and the distal end of the body section is threaded, the cutting head attachable to
- 3 the body section by threading it onto the distal end.

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- 1 4. The device of claim 1 wherein the body section is tubular.
- 5. The device of claim 1 wherein the body section has an exterior surface and the exterior surface is coated with a hydrophilic coating.
- 1 6. The device of claim 1 wherein the body section has an exterior surface and the exterior surface is coated with a low-friction coating.
- 7. The device of claim 1 wherein the body section further comprises an exterior surface, and a structure positioned on the exterior surface to assist in the movement of the cutting tool through body tissue

- 1 8. The device of claim 1 wherein the structure on the exterior surface is a helical
- 2 thread.
- 1 9. The device of claim 1 further comprising an endovascular component for being
- 2 positioned in the tubular body member.
- 1 10. The device of claim 9 wherein the endovascular component comprises a flexible
- 2 tube and a medical guide wire.
- 1 11. The device of claim 9 wherein the endovascular component includes one or more
- 2 structures to which the tubular body member can be attached.
- 1 12. The device of claim 1 wherein the cutting head pivots when attached to the body
- 2 section.

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- 1 13. The device of claim 1 wherein the cutting head is comprised of steel.
- 1 14. The device of claim 1 wherein the body section is comprised of polycarbonate.
- 1 15. The device of claim 1 further comprising an automatic advancement device to
- 2 assist in the movement of the device for removing a tubular body member through the
- 3 body.
- 1 16. The device of claim 15 wherein the automatic advancement device comprises an
- 2 ultrasonic vibrator or electric motor.
- 1 17. The device of claim 1 that further comprises a handle attached to the proximal end of the body section.
- 1 18. The device of claim 17 wherein the handle comprises a cylindrical tube.

1	19.	The device of claim 17 that further comprises a hand grip attached to the handle.
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1	20.	An apparatus for harvesting a tubular body member, the apparatus comprising:
2 .		(a) an endovascular component having a diameter smaller than the diameter of the
3	tubula	body member, the endovascular component capable of being inserted into the
4	tubulai	body member;
5		(b) a cutting tool comprising:
6		(i) a tubular body section;
7		(ii) a cutting head attached to the tubular body section, the cutting head
8	having	a leading edge comprising an annular cutting blade; and
9		(iii) an opening extending through the cutting tool;
0		wherein the opening is sized to allow the tubular body member and some body
1	tissue s	surrounding the tubular body member to fit inside.
ļ	21.	The apparatus of claim 20 wherein the endovascular component includes an inner
2	section	and an outer section.
1	22,	The apparatus of claim 21 wherein the inner section comprises a medical guide
2	wire.	
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1	23.	The apparatus of claim 20 that further comprises a torque handle coupled to the
2 .	tubulai	body section, the torque handle used to turn the apparatus to assist in moving it
3	through	h the body.
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1	24.	The apparatus of claim 20 further comprising an automatic advancement device to
2	assist i	n the movement of the apparatus through the body.
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1	25.	A device for removing a tubular body member from a body, the device having a
2	leading	g edge comprising an annular cutting blade.

- 1 26. The device of claim 25 that further includes an inner cavity extending
- therethrough, the inner cavity including a funnel-shaped section having a first inner
- diameter juxtaposed the leading edge and a second inner diameter, the second inner
- 4 diameter smaller than the first inner diameter.

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- 1 27. The device of claim 25 that further includes an exterior surface and a helical
- thread on the exterior surface.
- 1 28. A method for removing a tubular body member from a body, the method
- 2 comprising the steps of:
- 3 making a first incision;
- accessing and dividing a first end of the tubular body member near the first
- 5 incision;
- 6 making a second incision;
- accessing and dividing a second end of the tubular body member near the second
- 8 incision;
- 9 inserting an endovascular component into the first end of the tubular body
- member;
- moving the endovascular component through the tubular body member and out
- the second end so that the endovascular component has a proximal end exposed at the
- first end of the tubular body structure and a distal end exposed at the second end of the
- tubular body structure;
- securing the proximal end of the endovascular component and the distal end of
- the endovascular component and straightening the tubular body member by applying
- force to each end of the endovascular component;
- positioning a cutting tool having a leading edge comprising an annular cutting
- blade and an inner cavity extending therethrough so that the endovascular component is
- 20 inside the inner cavity;
- advancing the cutting tool from the first end to the second end, the cutting tool
- cutting through and dissecting body tissue as it moves, wherein the tubular body portion
- 23 is positioned within the dissected body tissue; and

24	removing the dissected body tissue including the tubular body member.		
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1	29. The method of claim 28 wherein the cutting tool is advanced from the first end t		
2	the second end by utilizing a twisting or vibrating motion.		
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l	30. The method of claim 28 wherein the cutting tool is advanced by utilizing a motor		
2	that causes the cutting tool to twist or vibrate.		
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l	31. A cutter head used with a cutting tool for removing a tubular body member from		
2	body, the cutter head comprising:		
. 3	(a) a leading edge comprising an annular cutting blade;		
4	(b) an inner cavity extending therethrough, the inner cavity comprising a		
5	funnel-shaped section having a first diameter juxtaposed the leading edge and a second		
6	diameter, the second diameter being smaller than the first diameter; and		
7	(c) an attachment structure for attaching to a body section.		
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9	32. A cutting tool for removing a tubular body member from a body, the cutting too		
10	comprising:		
11	(a) a cutter head; and		
12	(b) a body section connectable to the cutter head, the body section having an		
13	exterior surface and a structure positioned on the exterior surface, the structure t		
14	assist in advancing the cutting tool through body tissue.		
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16	33. The cutting tool of claim 32 wherein the structure is a helical thread.		
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